



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: T- 4358

TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2017-01-30-01 Date: 08-02-2017
 Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
 Address : Dasarahalli Sub Division, BBMP, Bangalore.
 Agency : Sri Gnanendra Murthy M.D, #410, 5th Main Road, 4th Cross, Kengeri Satellite Town, Bangalore.
 Project Name : Improvements & Construction of CC Road Jain temple 1st, 2nd, 3rd, 4th & 5th Cross roads MTS Colony main Road at Ward No.15 Dasarahalli.(2nd Call)
 Customer's Reference : EE/DD/WO/112/16-17
 Source of Sample : Sample supplied by Agency
 Sample condition : Satisfactory
 Date of Receipt : 30-01-17
 Sample ID No : 2017-01-30-01/02(b)
 Sample Type : 40mm down size Coarse aggregate
 Reference to BIS codes : IS: 383 - 1970 (RA2016) (Specification for Coarse and fine Aggregates from natural sources for concrete
 IS: 2386 :1963(Part - 1, 2, 3) RA2011
 IS 2386 Part 1: Particle Size and Shape
 IS 2386 Part 2: Estimation of Deleterious Materials and Organic Impurities.
 IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption
 Date of test : 31-01-17

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:1970
1	80 mm	0	0	0	100	100
2	40 mm	158	158	3.16	96.8	95-100
3	20 mm	2392	2550	51	49.0	30-70
4	10 mm	1657	4207	84.14	15.9	10-35
5	4.75 mm	701	4908	98.16	1.8	0-5
6	Pan	92	5000	100	0.0	---

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Lab ID : CP-2017-01-30-01

Date: 08-02-2017

Sample ID No : 2017-01-30-01/02(b)

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-1970
1	Flakiness Index(%)	14.7	—
2	Elongation Index(%)	13.9	—
3	Specific Gravity	2.63	—
4	Bulk Density(Loose) (Kg/l)	1.5	—
5	Bulk Density(Compacted) (Kg/l)	1.58	—
6	Water Absorption(%)	0.25	—

Note:

The results pertain to the samples received and tested.

All information furnished by the Customer/ Representative

Any correction in the report will make this report invalid

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Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harshitha



FOR CIVIL Pro.

R. Karthik

MR KARTHIK RECHAN

Authorized Signatory

Quality Manager

Harshitha

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****End of Report****

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ವಿಂಗಡಿಸಿರು



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4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF STEEL

Lab ID : CP-2017-01-30-01 Date: 05-02-17

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Agency : Sri Gnanendra Murthy M.D, #410, 5th Main Road, 4th Cross, Kengeri Satellite Town, Bangalore.

Project Name : Improvements & Construction of CC Road Jain temple 1st, 2nd, 3rd, 4th & 5th Cross roads MTS Colony main Road at Ward No.15 Dasarahalli.(2nd Call)

Customer Reference : EE/DD/WO/112/16-17

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 30-01-17

Sample ID No : 2017-01-30-01/05

Sample Type : Indus, Fe550

Reference to BIS codes : IS 1786-2008

Date of test: : 01-02-17

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample (kg/m)	Yield stress (N/mm ²)	Tensile strength (N/mm ²)	Elongation (%)
1	Indus	Fe550	10mm	0.615	622	702	18.5%

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Bend test	Rebend test
1	Indus	Fe550	10mm	Satisfactory	Satisfactory

Note

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Prepared By:
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KARTHIK RECHAN
Authorized Signature
Quality Manager

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End of Report

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TEST RESULTS OF STEEL

Lab ID : CP-2017-01-30-01 Date: 05-02-17
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Agency : Sri Gnanendra Murthy M.D, #410, 5th Main Road, 4th Cross, Kengeri Satellite Town, Bangalore.
Project Name : Improvements & Construction of CC Road Jain temple 1st, 2nd, 3rd, 4th & 5th Cross roads MTS Colony main Road at Ward No.15 Dasarahalli.(2nd Call)
Customer Reference : EE/DD/WO/112/16-17
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 30-01-17
Sample ID No : 2017-01-30-01/04
Sample Type : Indus, Fe550
Reference to BIS codes : IS 1786-2008
Date of test: : 01-02-17

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample (kg/m)	Yield stress (N/mm ²)	Tensile strength (N/mm ²)	Elongation (%)
1	Indus	Fe550	8mm	0.391	592	671	19.0%

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Bend test	Rebend test
1	Indus	Fe550	8mm	Satisfactory	Satisfactory

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Harshitha



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R KARTHIK RECHAN
Authorized Signature
Quality Manager

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End of Report

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ಪ್ರಮಾಣಗಳು, ಉದಾಹರಣೆ
ಮಾಹಿತಿ, ಮಾಹಿತಿ
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2017-02-25-01 Date: 20-03-17

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Agency : Sri Gnanendra Murthy M.D, #410, 5th Main Road, 4th Cross, Kengeri Satelite Town, Bangalore.

Project Name : Improvements & Construction of CC Road Jain temple 1st, 2nd, 3rd, 4th & 5th Cross roads MTS Colony main Road at Ward No.15 Dasarahalli.(2nd Call)

Customer's Reference : EE/DD/WO/112/16-17

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 25-02-17

Sample ID No : 2017-02-25-01/02

Customer ID : Cement Concrete Road

Sample Type /Size : 150X150X150mm

Sample grade/Age : M30 / 28

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/03/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	Cement Concrete Road	M30	19/02/2017	19/03/2017	150.11 X 150.75 X 150.28	22629	8.119	735.4	32.5	33.1
2	Cement Concrete Road	M30	19/02/2017	19/03/2017	150.75 X 150.38 X 150.27	22670	8.075	761.7	33.6	
3	Cement Concrete Road	M30	19/02/2017	19/03/2017	150.81 X 150.87 X 150.82	22753	8.181	757.7	33.3	

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R KARTHIK RECHAN
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